



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

**\*BIBDATASHEET\***

CONFIRMATION NO. 6605

Bib Data Sheet

SERIAL NUMBER 10/629,323	FILING OR 371(c) DATE 07/29/2003 RULE	CLASS 360	GROUP ART UNIT 2627	ATTORNEY DOCKET NO. HITG.055PA(0523)
-----------------------------	--	--------------	------------------------	--

**APPLICANTS**

Hardayal Singh Gill, Palo Alto, CA;  
 Wen-Chien Hsiao, San Jose, CA;  
 Jih-Shiuan Luo, San Jose, CA;

**\*\* CONTINUING DATA \*\*\*\*\*****\*\* FOREIGN APPLICATIONS \*\*\*\*\*****IF REQUIRED, FOREIGN FILING LICENSE GRANTED**

\*\* 10/27/2003

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY CA	SHEETS DRAWING 10	TOTAL CLAIMS 32	INDEPENDENT CLAIMS 5
--	--	------------------------	----------------------	--------------------	-------------------------

**ADDRESS**

Chambliss, Bahner & Stophel, P.C.  
 1000 Tallan Building  
 Two Union Square  
 Chattanooga, TN37402

**TITLE**

SELF-PINNED ABUTTED JUNCTION HEADS HAVING AN ARRANGEMENT OF A SECOND HARD BIAS LAYER AND A FREE LAYER FOR PROVIDING A NET NET LONGITUDINAL BIAS ON THE FREE LAYER

FILING FEE RECEIVED 1288	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------	---	---